

[illegible]

ATG	TCT	CAG	TCG	AAA	GGC	AAG	AAG	CGA	AAC	CCT	GGC	CTT	AAA	ATT	CCA	48
M	S	Q	S	K	G	K	K	R	N	P	G	L	K	I	P	
1				5					10					15		
AAA	GAA	GCA	TTT	GAA	CAA	CCT	CAG	ACC	AGT	TCC	ACA	CCA	CCT	CGA	GAT	96
K	E	A	F	E	Q	P	Q	T	S	S	T	P	P	R	D	
			20					25					30			
TTA	GAC	TCC	AAG	GCT	TGC	ATT	TCT	ATT	GGA	AAT	CAG	AAC	TTT	GAG	GTG	144
L	D	S	K	A	C	I	S	I	G	N	Q	N	F	E	V	
			35				40					45				
AAG	GCA	GAT	GAC	CTG	GAG	CCT	ATA	ATG	GAA	CTG	GGA	CGA	GGT	GCG	TAC	192
K	A	D	D	L	E	P	I	M	E	L	G	R	G	A	Y	
	50					55					60					
GGG	GTG	GTG	GAG	AAG	ATG	CGG	CAC	GTG	CCC	AGC	GGG	CAG	ATC	ATG	GCA	240
G	V	V	E	K	M	R	H	V	P	S	G	Q	I	M	A	
65					70					75					80	
GTG	AAG	CGG	ATC	CGA	GCC	ACA	GTA	AAT	AGC	CAG	GAA	CAG	AAA	CGG	CTA	288
V	K	R	I	R	A	T	V	N	S	Q	E	Q	K	R	L	
				85					90					95		
CTG	ATG	GAT	TTG	GAT	ATT	TCC	ATG	AGG	ACG	GTG	GAC	TGT	CCA	TTC	ACT	336
L	M	D	L	D	I	S	M	R	T	V	D	C	P	F	T	
			100					105					110			
CTC	ACC	TTT	TAT	GGC	GCA	CTG	TTT	CGG	GAG	GGT	GAT	GTG	TGG	ATC	TGC	384
V	T	F	Y	G	A	L	F	R	E	G	D	V	W	I	C	
		115					120					125				
ATG	GAG	CTC	ATG	GAT	ACA	TCA	CTA	GAT	AAA	TTC	TAC	AAA	CAA	GTT	ATT	432
M	E	L	M	D	T	S	L	D	K	F	Y	K	Q	V	I	
	130					135					140					
AT	AAA	GCC	CAG	ACA	ATT	CCA	GAG	GAC	ATC	TTA	GGG	AAA	ATA	GCA	GTT	480
D	K	G	Q	T	I	P	E	D	I	L	G	K	I	A	V	
45					150					155					160	
CT	ATT	GTA	AAA	GCA	TTA	GAA	CAT	TTA	CAT	AGT	AAG	CTG	TCT	GTC	ATT	528
S	I	V	K	A	L	E	H	L	H	S	K	L	S	V	I	
				165				170					175			

$$\begin{aligned} & \left\{ \frac{\partial^2}{\partial x^2}, \frac{\partial^2}{\partial y^2}, \frac{\partial^2}{\partial z^2}, \frac{\partial^2}{\partial t^2}, \frac{\partial^2}{\partial x \partial y}, \frac{\partial^2}{\partial x \partial z}, \frac{\partial^2}{\partial x \partial t}, \frac{\partial^2}{\partial y \partial z}, \frac{\partial^2}{\partial y \partial t}, \frac{\partial^2}{\partial z \partial t} \right\} \\ & = \left\{ \frac{\partial^2}{\partial x^2}, \frac{\partial^2}{\partial y^2}, \frac{\partial^2}{\partial z^2}, \frac{\partial^2}{\partial t^2}, \frac{\partial^2}{\partial x \partial y}, \frac{\partial^2}{\partial x \partial z}, \frac{\partial^2}{\partial x \partial t}, \frac{\partial^2}{\partial y \partial z}, \frac{\partial^2}{\partial y \partial t}, \frac{\partial^2}{\partial z \partial t} \right\} \end{aligned}$$

Fig. 1 cont.

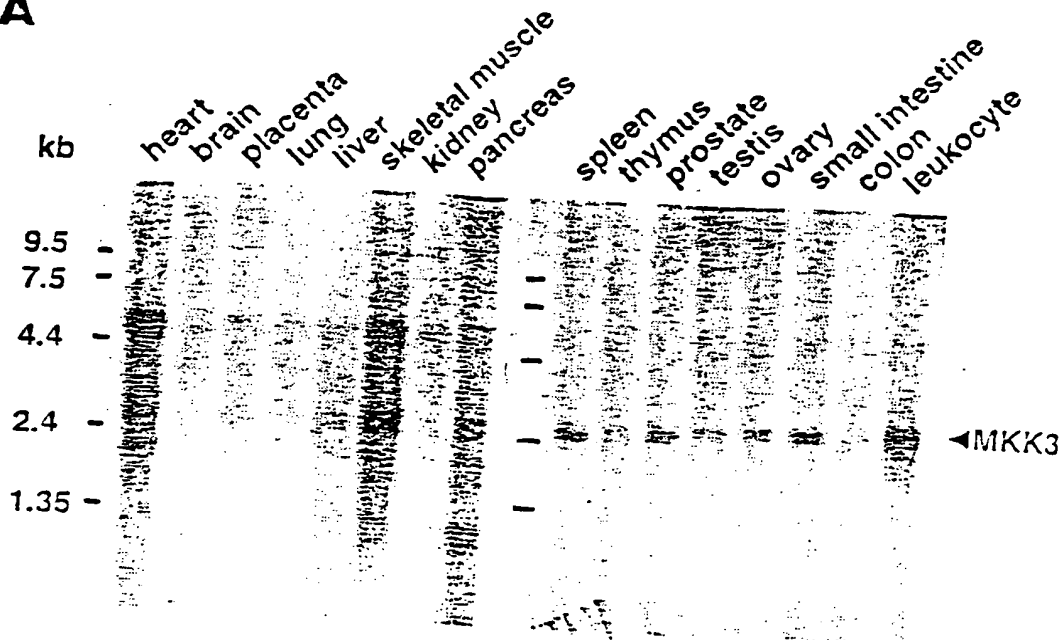
hMEK6 Nucleotide and Amino Acid Sequences

CAC AGA GAC GTC AAG CCT TCT AAT GTA CTC ATC AAT GCT CTC GGT CAA	576
H R D V K P S N V L I N A L G Q	
180 185 190	
GTG AAG ATG TGC GAT TTT GGA ATC AGT GGC TAC TTG GTG GAC TCT GTT	624
V K M C D F G I S G Y L V D S V	
195 200 205	
GCT AAA ACA ATT GAT GCA GGT TGC AAA CCA TAC ATG GCC CCT GAA AGA	672
A K T I D A G C K P Y M A P E R	
210 215 220	
ATA AAC CCA GAG CTC AAC CAG AAG GGA TAC AGT GTG AAG TCT GAC ATT	720
I N P E L N Q K G Y S V K S D I	
225 230 235 240	
TGG AGT CTG GGC ATC ACG ATG ATT GAG TTG GCC ATC CTT CGA TTT CCC	768
W S L G I T M I E L A I L R F P	
245 250 255	
TAT GAT TCA TGG GGA ACT CCA TTT CAG CAG CTC AAA CAG GTG GTA GAG	816
Y D S W G T P F Q Q L K Q V V E	
260 265 270	
GAG CCA TCG CCA CAA CTC CCA GCA GAC AAG TTC TCT GCA GAG TTT GTT	864
E P S P Q L P A D K F S A E F V	
275 280 285	
GAC TTT ACC TCA CAG TGC TTA AAG AAG AAT TCC AAA GAA CGG CCT ACA	912
D F T S Q C L K K N S K E R P T	
290 295 300	
TAC CCA GAG CTA ATG CAA CAT CCA TTT TTC ACC CTA CAT GAA TCC AAA	960
Y P E L M Q H P F F T L H E S K	
305 310 315 320	
GGA ACA GAT GTG GCA TCT TTT GTA AAA CTG ATT CTT GGA GAC	1002
G T D V A S F V K L I L G D	
325 330	

005750" 0026560

Fig. 2

**A**



**B**

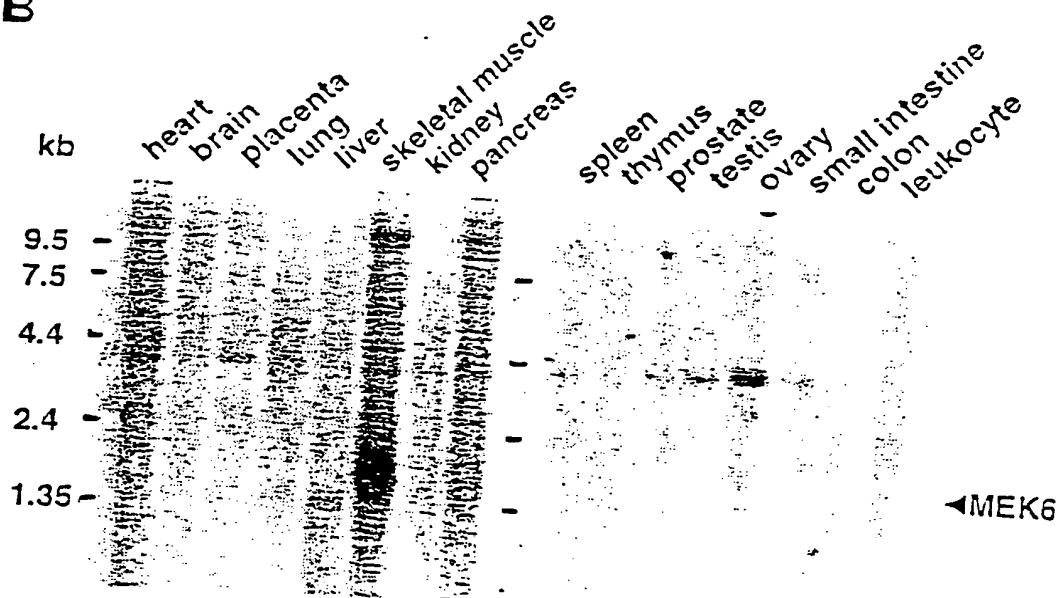
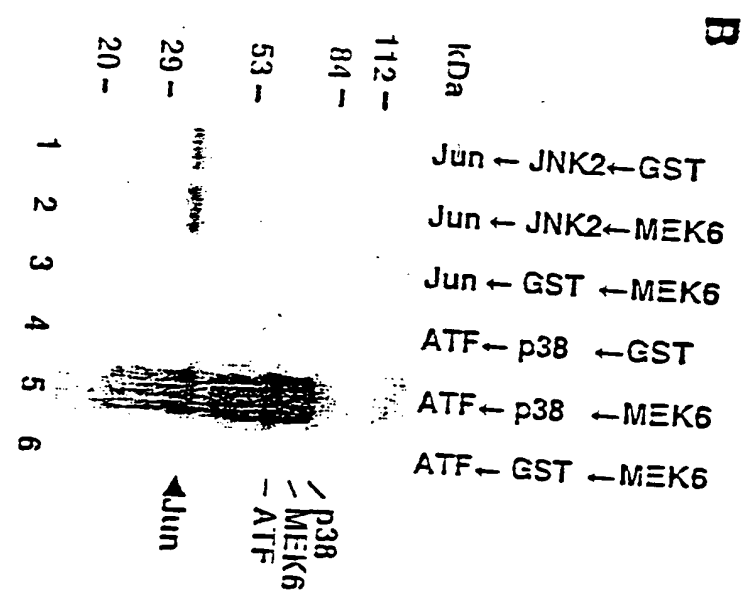
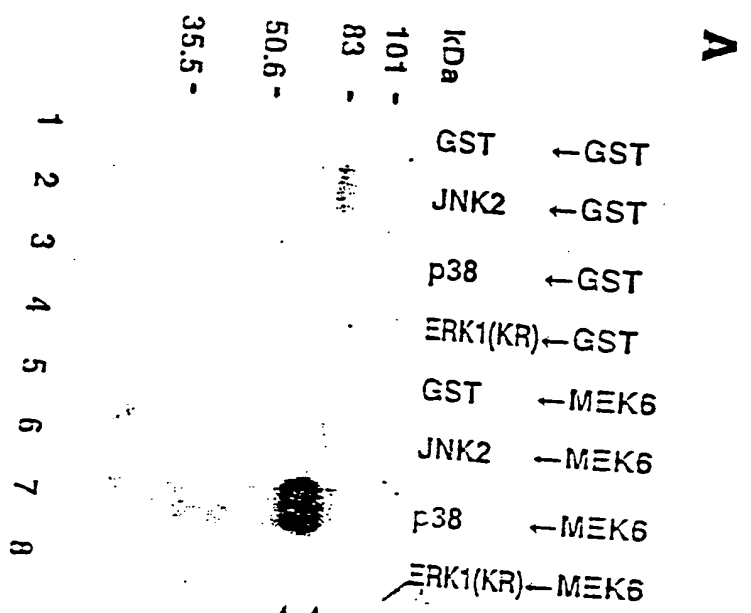
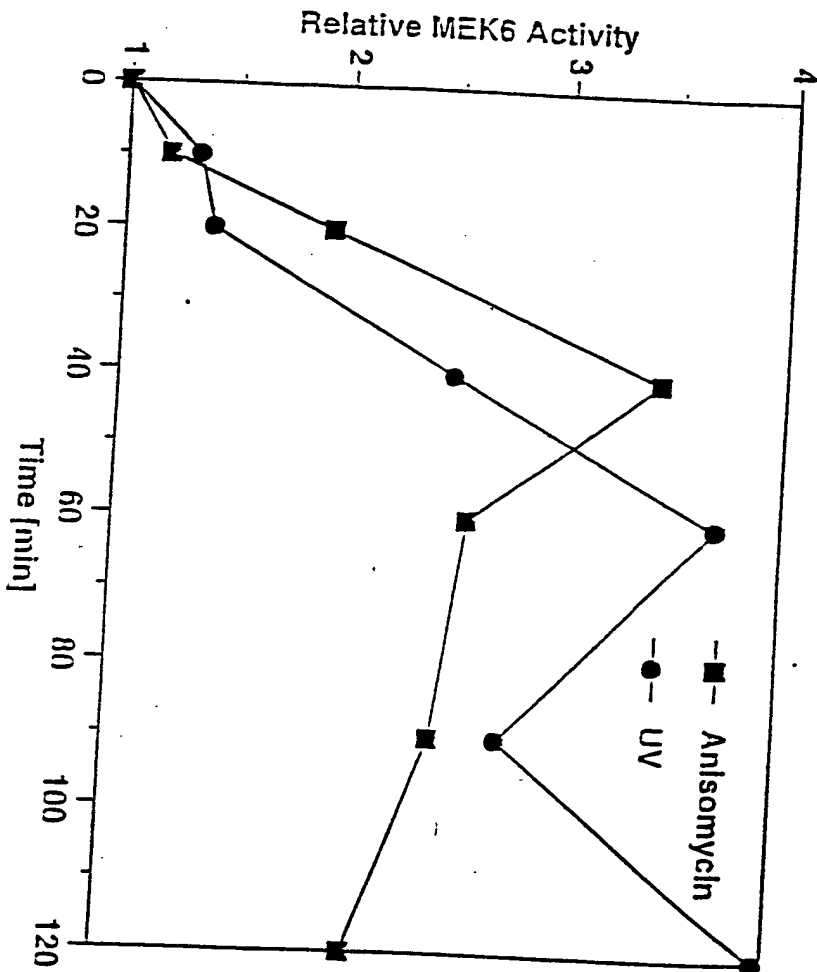


Fig. 3



09593288.051300

Fig. 4



091593288.061300

Fig. 5

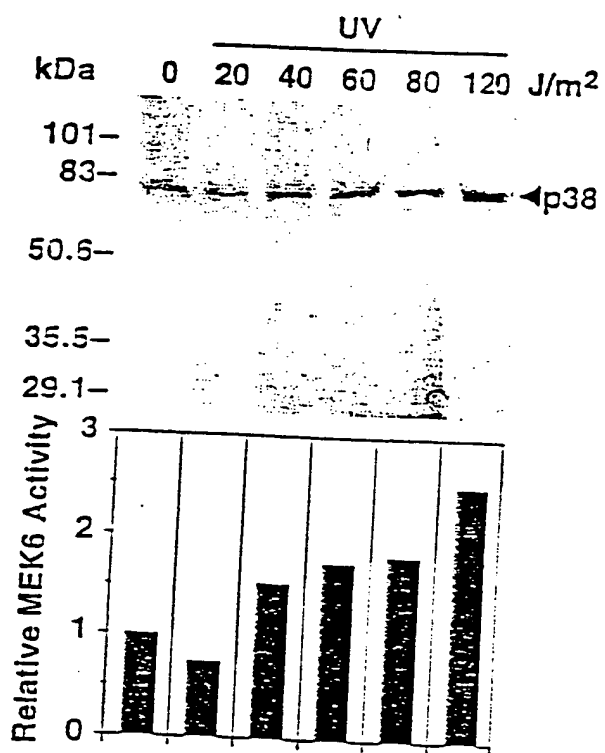


Fig. 6

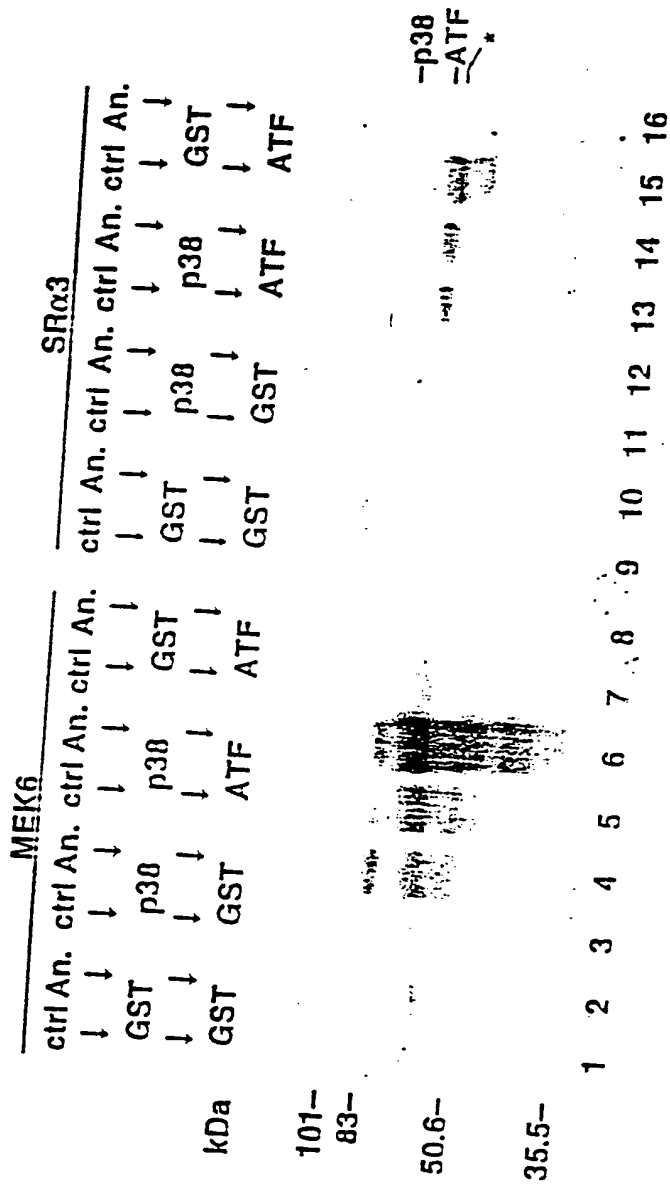
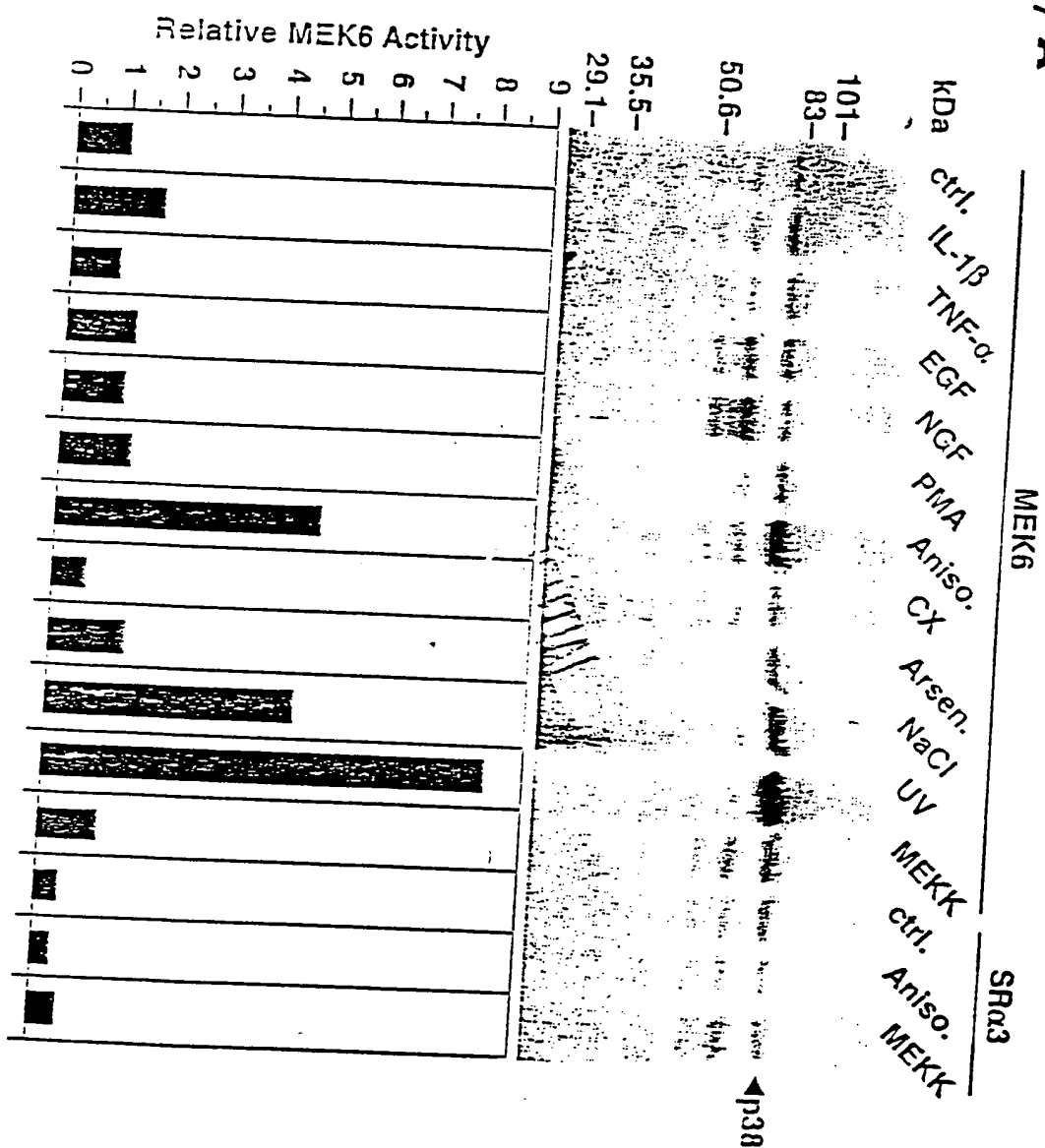


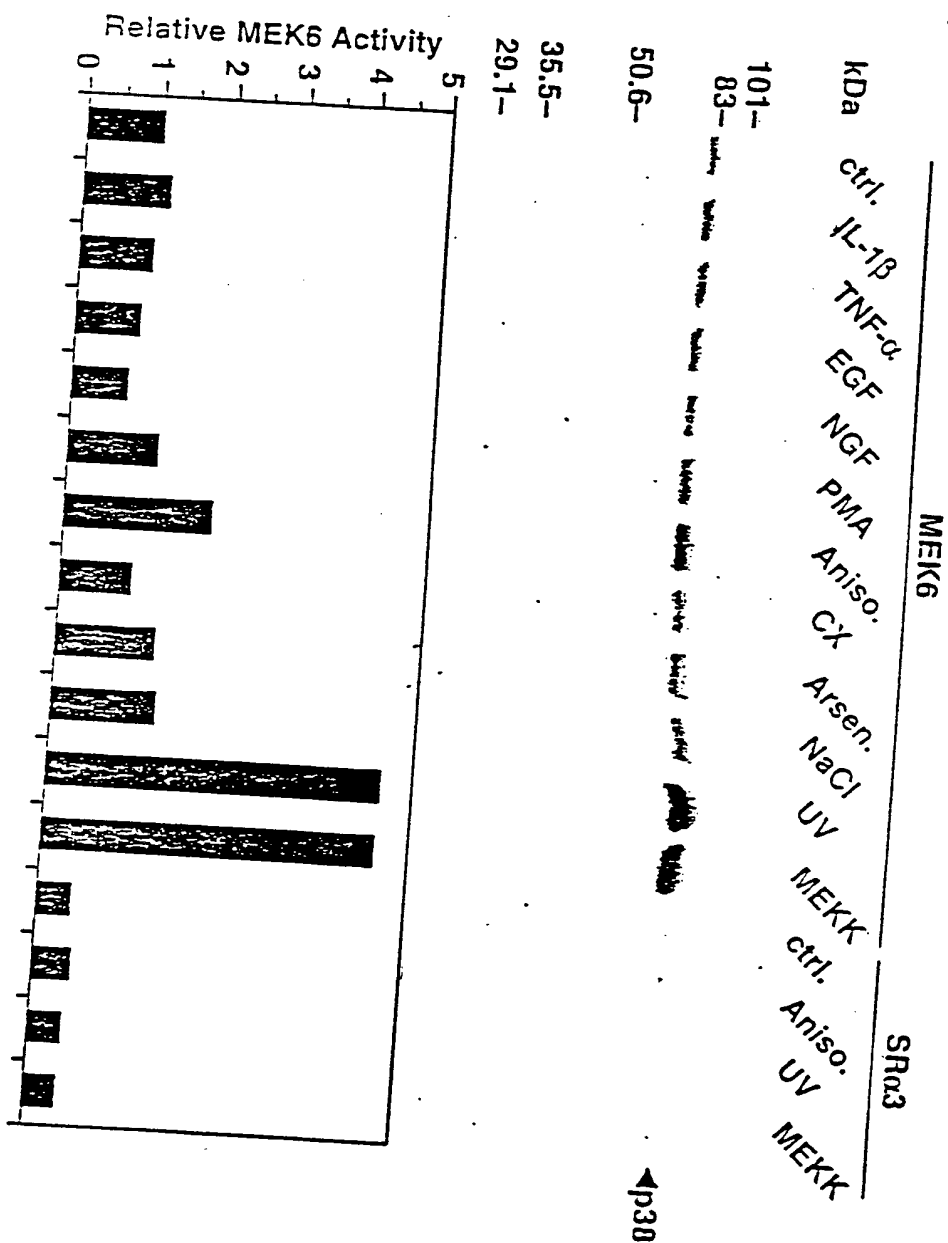
Fig. 7A



09593288.061300



Fig. 7B



09593288.061300

MEK6										JNKK					ng MEKK					JNK2		p38	
0	31	62	125	250	500	1000	0	31	62	125	250	0	31	62	125	250	0	31	0	31			

$$\frac{\infty}{\frac{1}{4}}$$